

The Commissioner of Patents  
Alexandria, VA 22313

Date: July 26, 2006

Subj: Amended Specification

For: Application No. 10/710,303; filing date: 07/01/2004  
Inventors: Anis Rahman, Ph.D. and Donald Tomalia, Ph.D  
Title: "Novel Photonic Waveguide Structures for Chip-Scale Photonic  
Integrated Circuits"  
Examiner: Ms. Ellen Kim  
Art Unit: 2874

Dear Commissioner of Patents:

Per my interviews with Examiner Kim on 7/17/2006 and 7/25/2006, I am submitting the following response for your consideration for the above referenced application.

1. A "clean" copy of entire application is included along with the unmodified original drawings without "reproduction error." However, in previous submission the drawings were shrunk due to reproduction error.
2. An amended specification where the following modifications have been made per interview:
  - 2.1. Para 1-16 are crossed out; the references are added to the IDS (please see IDS form).
  - 2.2. Para 20: The word "Introduction" has been crossed out and replaced by the word "Background".
  - 2.3. Para 31: Four explanatory sentences are added to the summary (see underlined).
  - 2.4. Para 34: Explanatory sentences and words are added (see underlined).
  - 2.5. Para 36: A typographical error has been fixed: "1600" crossed out and

replaced by "1650".

- 2.6. Para 40: The words "cross reference #3" crossed out and replaced by "Cite No. 8, (Non Patent Documents)" added (see underlined), 2 places.
- 2.7. Para 57: One explanatory sentence is added at the end (see underlined).
- 2.8. Para 67: One explanatory sentence is added at the beginning (see underlined).
3. Claims 1-19 are withdrawn and crossed out.
4. Withdrawn claims are replaced by amended claims 1-33.
5. No changes have been made in any of the drawings. However, in previous submission the drawings were shrunk due to reproduction error. These drawings are included herewith.
6. Para 78: Old abstract has been crossed out.
7. Para 79: A new abstract has been added per USPTO guideline.
8. IDS forms for patent and non-patent citations are included.
9. Copy of non-patent IDS documents are being mailed by the USPS directly to the Examiner's attention.

In view of the above, please reconsider the above mentioned application.

Sincerely,

A handwritten signature in black ink that reads "Anis Rahman". The signature is written in a cursive, flowing style.

Anis Rahman, Ph.D.